



13

## Planning Commission Staff Report

**TO:** PLANNING COMMISSION / DESIGN REVIEW BOARD

**FROM:** JOSH ROGERS, PLANNER II *JR*  
(480) 503-6598, JOSH.ROGERS@GILBERTAZ.GOV

**THROUGH:** CATHERINE LORBEER, AICP, PRINCIPAL PLANNER *ajl*  
(480) 503-6016, CATHERINE.LORBEER@GILBERTAZ.GOV

**MEETING DATE:** JANUARY 8, 2020

**SUBJECT:** DR19-108, SUN VALLEY COMMUNITY CHURCH

**STRATEGIC INITIATIVE:** Prosperous Community

This project would allow for a new *Place of Worship, Small-Scale* use/ development on undeveloped property within the Santan Character Area

### RECOMMENDED MOTION

Approve the Findings of Fact and approve DR19-108 Sun Valley Community Church-South Gilbert: site plan, landscaping, grading and drainage, elevations, floor plans, lighting, and colors and materials for approximately 10 acres, generally located at the northeast corner of Lindsay and Ocotillo Roads, and zoned Shopping Center (SC) with a Planned Area Development (PAD) overlay.

#### APPLICANT

Company: Todd & Associates, Inc.  
Name: Denise Andreas  
Address: 4019 N. 44<sup>th</sup> St.  
Phoenix, AZ 85018  
Phone: 602-952-8280  
Email: dandreas@todassoc.com

#### OWNER

Company: Sun Valley Community Church  
Address: 456 E. Ray Rd.  
Gilbert, AZ 85296  
Phone: 480-632-8920  
Email: bjohns@sunvalleycc.com

## **BACKGROUND/DISCUSSION**

### **History**

<b>Date</b>	<b>Description</b>
<i>May 25, 2004</i>	Town Council approved a minor General Plan amendment (GP04-01) changing 15 acres of Residential >2-3.5 DU/Acre to Shopping Center.
<i>May 25, 2004</i>	Town Council approved a rezone for 80 acres of Maricopa County R-43 (Rural Residential) to R1-6, R1-8, and C-2 with a PAD overlay (Z04-01) creating the Felty Farms PAD.

### **Overview**

Sun Valley Community Church (SVCC) is proposing a new campus on approximately 10 acres on an undeveloped parcel at the northeast corner of Lindsay and Ocotillo Roads (5545 S. Lindsay Road). The applicant has proposed a 35,000 sq. ft. 1-story building utilized for a *Place of Worship, Small-Scale* use/ development on the subject site, which is permitted by right in the Shopping Center (SC) zoning district. The project will be constructed as a single phase.

### **Surrounding Land Use & Zoning Designations:**

	<b>Existing Land Use Classification</b>	<b>Existing Zoning</b>	<b>Existing Use</b>
North	Residential > 2-3.5 DU/Acre	Single Family – 6 (SF-6) PAD	Felty Farms Residential Community
South	City of Chandler Residential	City of Chandler Residential	Developed Residential Community
East	Residential > 2-3.5 DU/Acre	Single Family – 6 (SF-6) PAD	Felty Farms Residential Community
West	City of Chandler Residential	City of Chandler Residential	Developed Residential Community
Site	Shopping Center	Shopping Center (SC) PAD	Undeveloped

### **Project Data Table**

<b>Site Development Regulations</b>	<b>Required per LDC and (Ord. No. 1565 and 2325) SC/PAD</b>	<b>Proposed</b>
Maximum Building Height (ft.)/(Stories)	35/2	32'-8"
Minimum Building Setback (ft.)		
Front	25'	100'
Side (Residential)	75'	81'
Rear (Residential)	75'	375'
Minimum Required Perimeter Landscape Area (ft.)		
Front	25'	25'

Side (Residential)	30'	30'
Rear (Residential)	35'	35'
Landscaping (% of net lot area)	15%	40%
Parking	210	419

## **DISCUSSION**

### **Site**

The proposed church is designed to be a focal point of the adjacent arterial corner with most of the parking placed in the rear. Internally the building will be located on the southwestern portion of the site to allow for vehicular access and parking on the northern and eastern half. Pedestrian access to the building is situated on the north, south and eastern portions of the building.

The proposed 1-story building will include the typical uses as identified under “*Place of Worship*” use definition of the Land Development Code (LDC). Internally the building will contain an assembly area, as well as meeting rooms, Sunday school rooms, offices, and child play areas.

### **Access and Circulation**

Four access points are proposed for the site. Two driveways are shown on Ocotillo Road. The first one will be full access, located approximately 700 feet east of Lindsay Road, and the second one will be a right-in/ right-out only located approximately 500 feet east of Lindsay Road and will be restricted by a recently constructed raised median on Ocotillo Road. The proposed driveway on Lindsay Road is a right-in/ right-out only access located approximately 350 feet north of Ocotillo Road and will be restricted by an existing raised median on Lindsay Road. The fourth driveway will provide full access to Narrowleaf Drive and will align with the existing Heritage Drive to the north. The applicant has been working with the City of Chandler regarding roadway improvements off Ocotillo Road.

Per Ordinance Nos. 1565 and 2325, the applicant will be completing the right-of-way connection of Narrowleaf Drive and Porter Street that curves along the rear edge of the property.

### **Landscape**

The proposed landscape plan includes adequate on-site and off-site (existing) perimeter landscaping as well as foundation landscaping. Parking islands are located throughout the customer parking areas. The landscape along Lindsay and Ocotillo Roads complies with the LDC requirements for street theme trees as well as landscape content and quantities.

Additionally, significant amounts of foundation landscaping have been placed on four sides of the proposed building elevations. The total on-site landscape area (40%) exceeds the minimum amount (15%) required. On-site foliage includes Sweet Acacia, Palo Verde, Red Push Pistache, Texas Honey Mesquite, and Live Oak. Additionally, various shrubs and ground covers will be utilized throughout the subject site including within the required landscape setbacks.

The applicant will also be installing a new Town of Gilbert gateway entry sign at the arterial corner.

### **Grading and Drainage**

The proposed grading and drainage plan demonstrates that it will meet the requirements of the Town of Gilbert's Engineering Division. Retention basins are located on the perimeter of the site and within the 50' by 250' arterial landscape area.

### **Elevations, Floor Plan, Colors and Materials**

When designing the structure, the applicant's goal is to present a contemporary and vibrantly styled building featuring color blocking and asymmetrical rooflines accentuated with perforated metal panels. The main entry is accented with towering glass features and recessed windows. Staff has asked for clarification of the recess depth of windows and awning. Internal access is through a large internal open corridor allowing for flexibility of gathering places between the various Sunday school rooms and other assembly areas.

Exterior elevations feature variations of tan coloring, standing seam metal roofing and panels, exposed ground faced masonry, accentuated with perforated metal gabions walls, garage door style windowing, steel canopies and columns.

### **Lighting**

The photometric plans proposed comply with the LDC requirements of a maximum of 0.3 foot-candles at the property line, not including street lighting, and includes both pole-mounted lighting and wall lighting at 14' maximum height. All site lighting will be required to comply with Town codes.

### **Signage**

The Town of Gilbert entry signage conforms to the requirements set forth in the LDC. Administrative Design Review approval is required prior to submitting for sign permits for any other signage.

### **PUBLIC NOTIFICATION AND INPUT**

An official notice was posted in all the required public places within the Town and neighborhood notice was provided per the requirements of the Land Development Code (LDC) Article 5.205.

Staff has received no comments from the public.

### **STAFF RECOMMENDATION**

Approve the Findings of Fact and approve DR19-108 Sun Valley Community Church-South Gilbert: site plan, landscaping, grading and drainage, elevations, floor plans, lighting, and colors and materials for approximately 10 acres, generally located at the northeast corner of Lindsay and Ocotillo Roads, and zoned Shopping Center (SC) with a Planned Area Development (PAD) overlay.



1. Construction of the project shall conform to the exhibits approved by the Planning Commission at the January 8, 2020 public hearing.
2. The construction site plan documents shall incorporate the Standard Commercial and Industrial Site Plan Notes adopted by the Design Review Board on March 11, 2004.
3. Signage is not included in this approval. Administrative Design Review approval is required prior to submitting for sign permits.
4. Per Ordinance Nos. 1565 and 2325, the applicant shall complete the right-of-way connection between Narrowleaf Drive and Porter Street.

Respectfully submitted,

A handwritten signature in black ink that reads "Joshua Rogers". The script is cursive and fluid, with the first name "Joshua" and last name "Rogers" clearly legible.

Josh Rogers  
Planner II

**Attachments and Enclosures:**

- 1) Finding of Fact
- 2) Notice of Public Hearing/Vicinity Map
- 3) Aerial Photo
- 4) Site Plan
- 5) Landscape
- 6) Grading and Drainage
- 7) Colors and Materials
- 8) Elevations
- 9) Floor Plans
- 10) Lighting

**FINDINGS OF FACT**  
**DR19-108, Sun Valley Community Church-South Gilbert**

1. The project as conditioned is consistent with the applicable Design Guidelines;
2. The project conforms to the General Plan, and specifically to the Land Use, Community Design, and Environmental Planning Elements;
3. The project is consistent with all applicable provisions of the Zoning Code;
4. The project is compatible with adjacent and nearby development; and
5. The project design provides for safe and efficient provisions of public services.

# **Notice of Pub**

DR19-108 Sun Valley Community Church-South Gilbert  
Attachment 1: Notice of Public Hearing/Vicinity Map  
January 8, 2020

**PLANNING COMMISSION DATE:**

**Wednesday, January 8, 2020\* TIME: 6:00 PM**

**LOCATION: Gilbert Municipal Center  
Council Chambers  
50 E. Civic Center Dr.  
Gilbert, AZ 85296**

**\*Call Planning Division to verify date and time: (480) 503-6589**

\* The application is available to the public for review at the Town of Gilbert Planning Division Monday - Thursday 7AM - 6PM. Staff reports are available prior to the meeting at [www.gilbertaz.gov/departments/development-services/planning/planning-commission](http://www.gilbertaz.gov/departments/development-services/planning/planning-commission) and [www.gilbertdocs.com/gilbertagendaonline](http://www.gilbertdocs.com/gilbertagendaonline).

## **REQUESTED ACTION:**

**DR19-108 SUN VALLEY COMMUNITY CHURCH-SOUTH GILBERT:** Site plan, landscaping, grading and drainage, elevations, floor plans, lighting, and colors and materials for approximately 10 acres, generally located at the northeast corner of Lindsay and Ocotillo Roads, and zoned Shopping Center (SC) with a Planned Area Development (PAD) overlay.

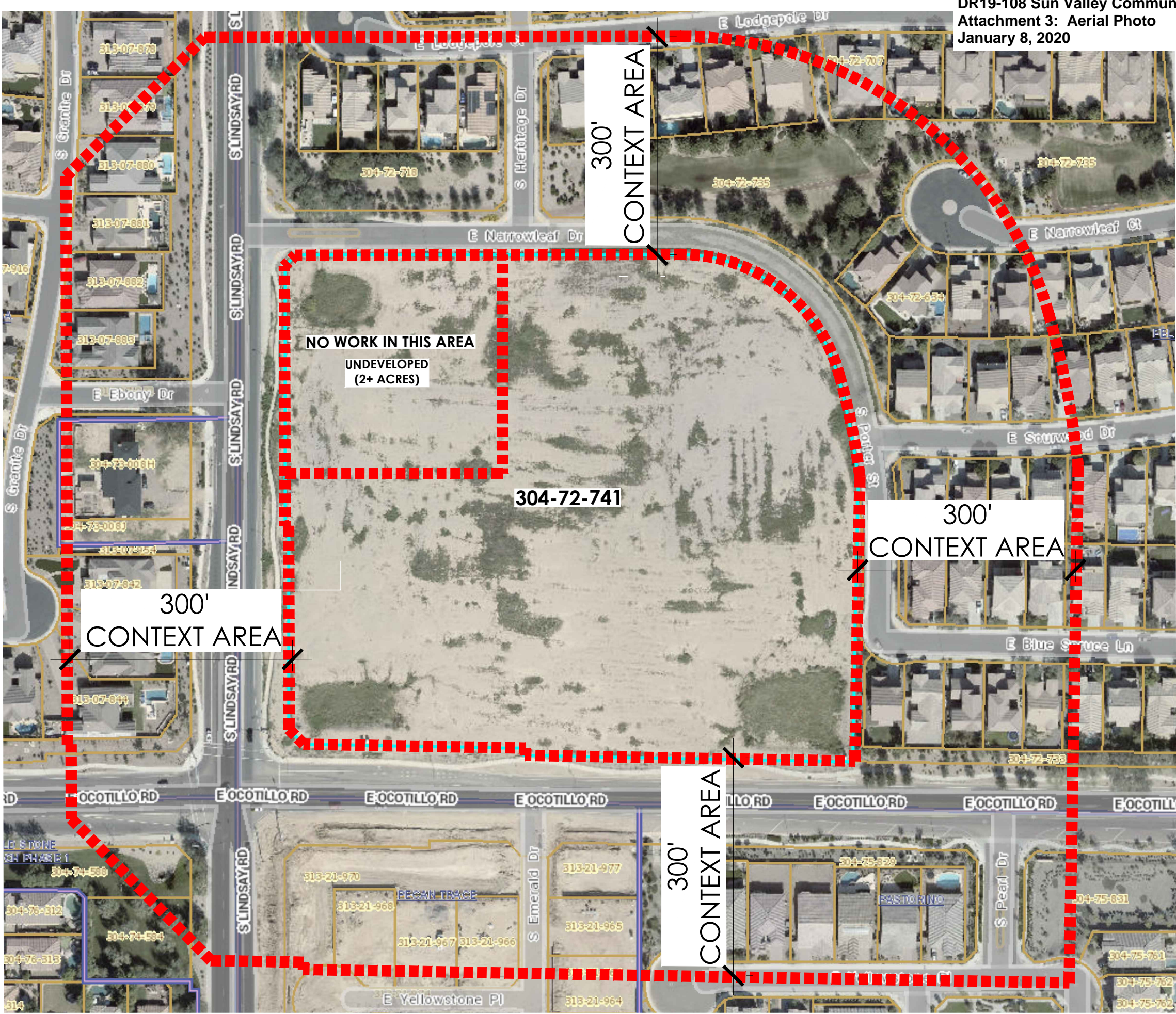
## **SITE LOCATION:**



**APPLICANT: Todd & Associates, Inc.  
CONTACT: Denise Andreas  
ADDRESS: 4019 N 44th Street  
Phoenix, Arizona 85018**

**TELEPHONE: (602) 952-8280  
E-MAIL: [dandreas@toddassoc.com](mailto:dandreas@toddassoc.com)**





DR19-108 Sun Valley Community Church-South Gilbert  
Attachment 3: Aerial Photo  
January 8, 2020

NO. 17-6010-02  
**SUN VALLEY  
COMMUNITY  
CHURCH -  
S. GILBERT**  
GILBERT, AZ

**sv**  
**SUN VALLEY C.C.  
GILBERT**  
456 E RAY ROAD  
GILBERT, AZ 85296  
480-632 8920 p  
480-857-6453 f

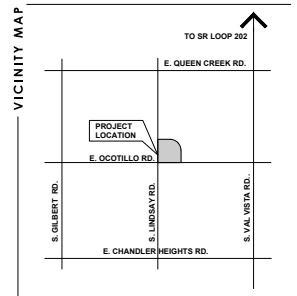


**TODD & ASSOCIATES, INC.**  
Critical Thinking • Creative Design  
  
Architecture Planning  
Landscape Architecture  
4019 North 44th Street  
Phoenix, AZ 85018  
602-952-8280p 602-952-8995f  
www.toddassoc.com  
  
Copyright 2019 Todd & Associates, Inc.

DATE  
09-24-19

DESIGN REVIEW SBMTL

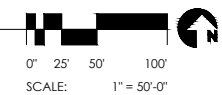
Proj Mgr/DCA  
Dwn By:  
Rev. Date: Description:  
△  
△  
△  
△  
△



PARCEL / AERIAL MAP

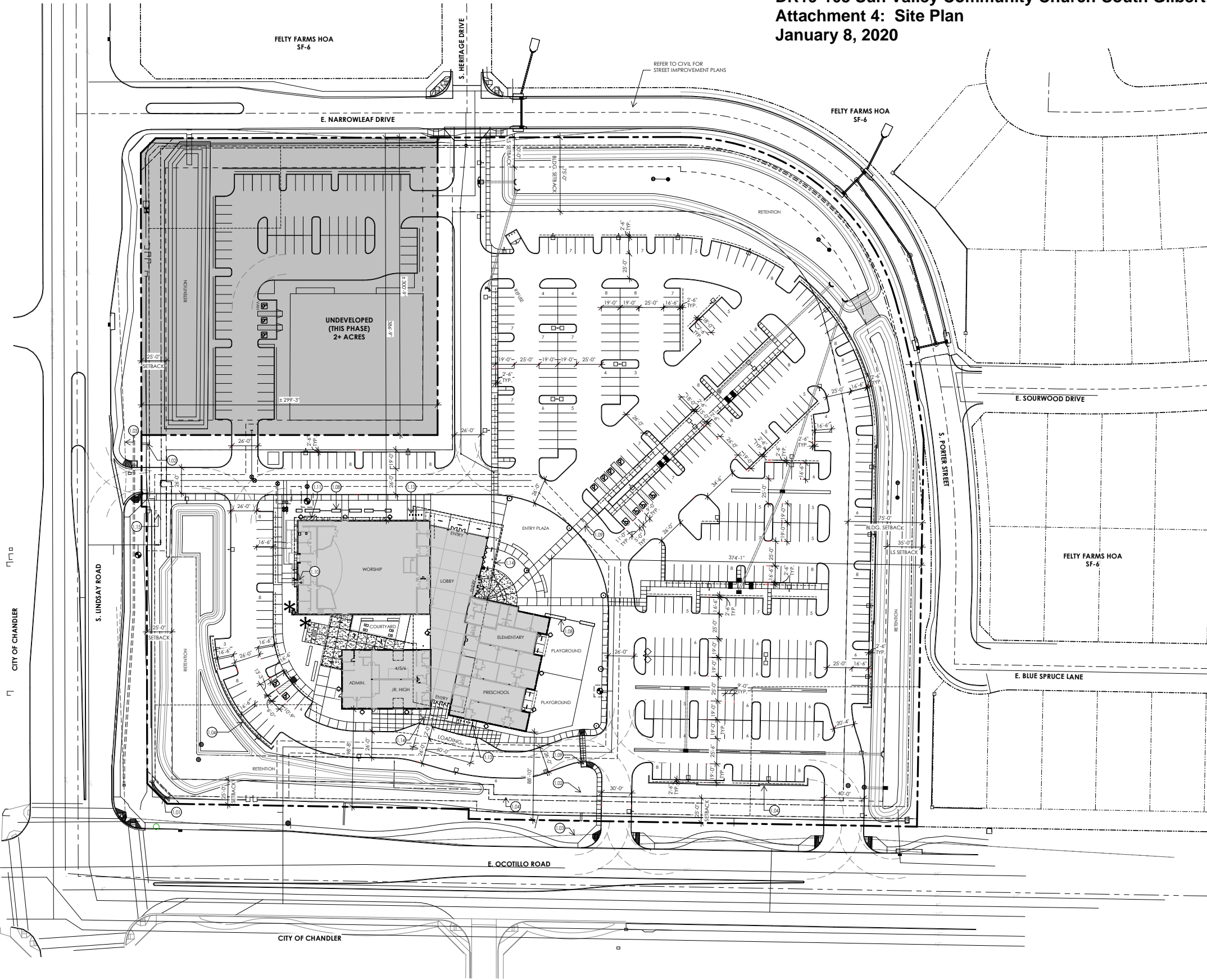
A1

PARCEL / AERIAL MAP

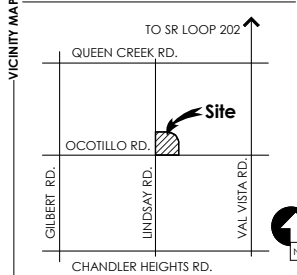
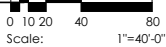




DR19-108 Sun Valley Community Church-South Gilbert  
Attachment 4: Site Plan  
January 8, 2020



DR SITE PLAN  
1" = 40'-0"



**PROJECT DATA**

**PROJECT NAME & ADDRESS:**  
SUN VALLEY COMMUNITY CHURCH - SOUTH GILBERT  
NE CORNER OF E OCOTILLO AND LINDSAY ROADS  
5545 S LINDSAY RD.  
GILBERT, ARIZONA

**PROJECT DESCRIPTION:**  
A NEW WORSHIP FACILITY. SEATING 750. SUNDAY SCHOOL CLASSROOMS AND CHURCH ADMINISTRATION OFFICES. ROOF MOUNTED HVAC BEHIND PARAPETS.

**GENERAL BUILDING CODE ANALYSIS:**  
PROPOSED USE: WORSHIP FACILITY  
OCCUPANCIES: A-3, B, S  
CONSTRUCTION TYPE: II-B w/ NFPA 13

**AUTHORITIES HAVING JURISDICTION & ASSOCIATED CODES AND REGULATIONS:**  
2018 INTERNATIONAL BUILDING CODE  
2018 INTERNATIONAL MECHANICAL CODE  
2018 INTERNATIONAL PLUMBING CODE  
2018 INTERNATIONAL FUEL GAS CODE  
2006 INTERNATIONAL ENERGY CONSERVATION CODE  
2018 INTERNATIONAL ENERGY CONSERVATION CODE  
2018 INTERNATIONAL FIRE CODE  
2017 NATIONAL ELECTRICAL CODE

THE ARIZONANS W/ DISABILITIES ACT & IMPLEMENTING RULES BUILDING AND CONSTRUCTION REGULATIONS CODE OF THE TOWN OF GILBERT, ARIZONA - 2013 EDITION

**GENERAL ZONING ANALYSIS:**  
**SITE AREA:**  
GROSS: 9.95 AC (433,553 SF)  
NET: 8.89 AC (387,487 SF)

**ZONING:**  
EXISTING: SC (SHOPPING CENTER PAD)

**BUILDING AREA:**  
ALLOWED (MAX): 75,000 SF  
PROVIDED: 34,422 SF

**LOT COVERAGE:**  
MAX. ALLOWABLE (75,000 SF / 387,487 SF): 19.4%  
PROVIDED (34,422 SF / 387,487 SF NET): 8.9%

**BUILDING HEIGHT:**  
ALLOWED: 2 STORIES/35 FEET  
PROVIDED: (MEAN HT. BETWEEN EAVES) 35 FEET

**BUILDING SETBACKS:**  
REQUIRED: PROVIDED:  
FRONT: 25' > 25'  
SIDE (STREET): 20' > 20'  
SIDE (RESIDENTIAL): 75' > 75'  
SIDE (NONRESIDENTIAL): 15' > 15'  
REAR (RESIDENTIAL): 75' > 75'  
REAR (NONRESIDENTIAL): 15' > 15'

**GILBERT PARKING STANDARDS:**  
PARKING STALL: 9'-0" x 19'-0" (or 16'-6" deep W/ 2'-6" Overhang)  
PARKING AISLE: 25'-0"  
FIRE LANE: 26'-0"

**REQUIRED PARKING-PLACE OF WORSHIP:**  
ONE (1) SPACE PER 100 SQ. FT. OF ASSEMBLY AREA, PLUS  
ONE (1) SPACE PER 200 SQ. FT. OF OTHER INDOOR AREA

ASSEMBLY: 7,425/100 = 75 P.S.  
OTHER INDOOR SPACE: 26,997/200 = 135 P.S.

**TOTAL PARKING REQUIRED: 210 P.S.**

PASSENGER LOADING AREA: 10' x 30'

BICYCLE PARKING (1 BICYCLE / 10 REQUIRED P.S.): 210 P.S./10 = 21 SPACES

ACCESSIBLE: (REQUIRED PER IBC TABLE 106.1): 9 P.S.

**PROVIDED PARKING:**  
STANDARD PARKING SPACES: 394 P.S.  
ACCESSIBLE PARKING SPACES: 10 P.S.

**TOTAL: 404 P.S.**

**INCLUDES:**  
ACCESSIBLE PARKING SPACES: 8 P.S.  
VAN ACCESSIBLE SPACES: 2 P.S.

**TOTAL ACCESSIBLE SPACES: 10 P.S.**

BICYCLE PARKING SPACES: 21 P.S.

**LANDSCAPING AREA:**  
REQUIRED (58,124 SF / 387,487 SF NET): 15.0%  
PROVIDED (205,900 SF / 387,487 SF NET): 53.1%

- KEYNOTES**
- 1.01 TOWN OF GILBERT ENTRY MONUMENT SIGN
  - 1.02 SUN VALLEY CHURCH MONUMENT SIGN
  - 1.03 SIGHT VISIBILITY TRIANGLE
  - 1.04 PARKING SCREEN WALL
  - 1.05 GABION WALL
  - 1.06 PEDESTRIAN CROSSWALK
  - 1.07 FIRE RISER ROOM
  - 1.08 ELECTRICAL SES
  - 1.09 BICYCLE PARKING
  - 1.10 DASHED LINE INDICATES ROOF OVERHANG ABOVE
  - 1.11 ELECTRICAL TRANSFORMER

- GENERAL NOTES**
- 1. REFERENCE HARDSCAPE PLANS FOR ALL HARDSCAPE CONTROL DIMENSIONS TYP.
  - 2. REFERENCE CIVIL PLANS FOR ALL SITE ELEVATIONS, GRADES AND RELATED INFORMATION.
  - 3. PERIMETER DIMENSIONS ARE FOR REFERENCE ONLY. REFER TO CIVIL LANDSCAPE PLANS FOR CONTROL DIMENSIONS TYP.
  - 4. REFER TO ENLARGED PLANS AS INDICATED FOR ALL CONTROL DIMENSIONS, DRAINAGE SLOPES, ETC.
  - 5. REFER TO PROJECT ARCHITECTURAL SLAB PLAN FOR SITE SECTION DESIGNATION.

SEE DRAWING A0.1 FOR ADDITIONAL SYMBOLS

- SYMBOLS**
- ACCESSIBLE PARKING SPACE
  - ACCESSIBLE PARKING SIGN - POLE MOUNTED
  - BUILDING SIGNAGE LOCATION REFER TO A4.1.1 & A4.1.2
  - FIRE HYDRANT LOCATION
  - FIRE TRUCK TURNING RADIUS INSIDE TURNING RADIUS 35'-0" MIN. OUTSIDE TURNING RADIUS 55'-0" MAX.
  - F.D.C. CONNECTION
  - KNOX BOX LOCATION
  - TRANSFORMER

NO. 17-6010-02

**SUN VALLEY COMMUNITY CHURCH - S. GILBERT**

5545 S. LINDSAY RD.,  
GILBERT, ARIZONA 85233



**TODD & ASSOCIATES, INC.**  
Critical Thinking • Creative Design

Architecture Planning  
Landscape Architecture  
4019 North 44th Street  
Phoenix, AZ 85018  
602-952-8280p 602-952-8995f  
www.toddassoc.com

Copyright 2019 Todd & Associates, Inc.

11-07-2019  
DESIGN REVIEW SBMTL  
3rd TOWN REVIEW

Proj Mgr. DA  
Dwn By: Author

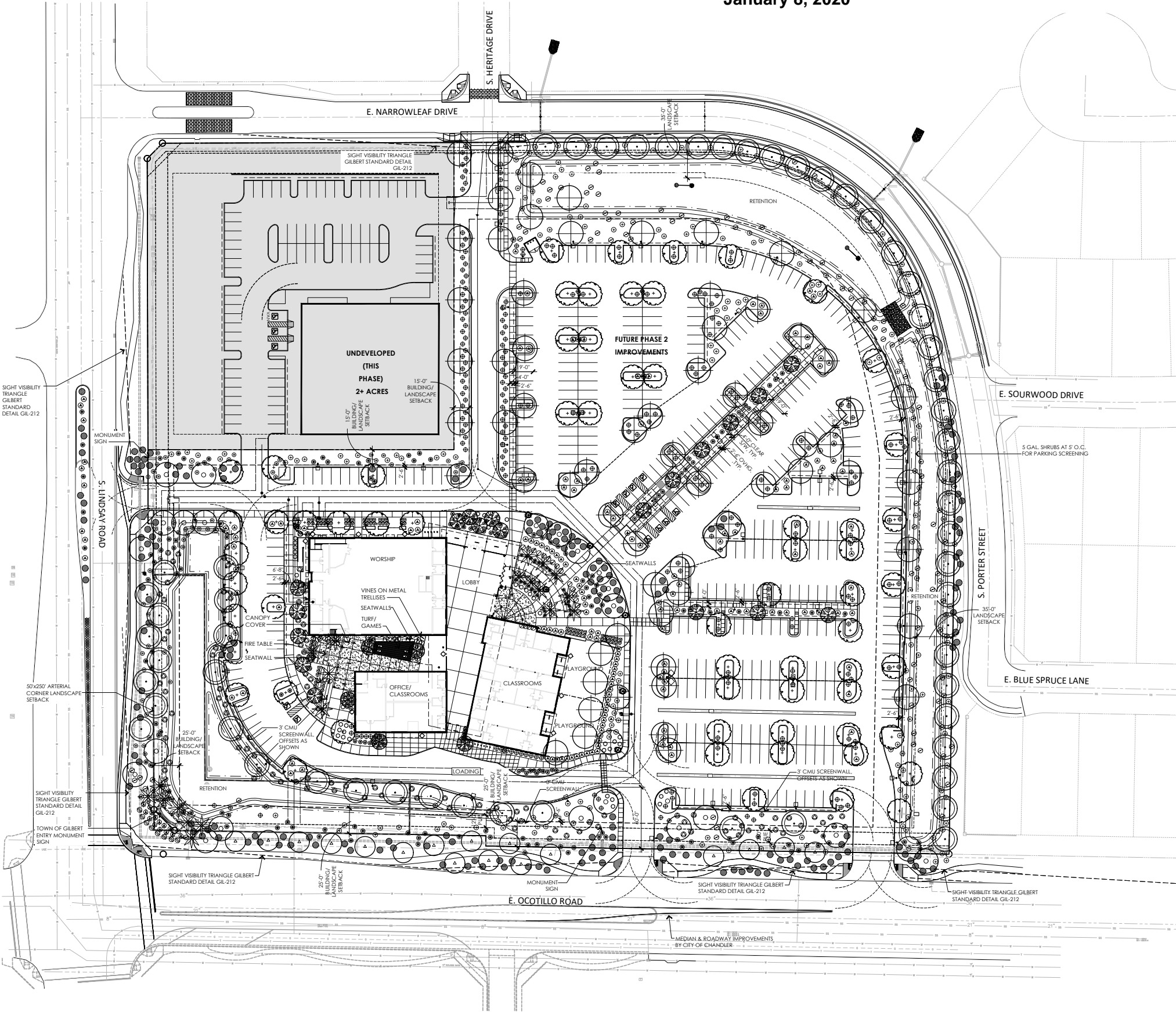
Rev.	Date	Description
▲		
▲		
▲		
▲		
▲		

"PROMPT PAYMENT NOTICE"  
The Owner is familiar with the "Arizona Prompt Payment Law" and payments will comply with the 30 day billing cycle, 14-day approval provision and the 7-day payment cycle.

SITE PLAN

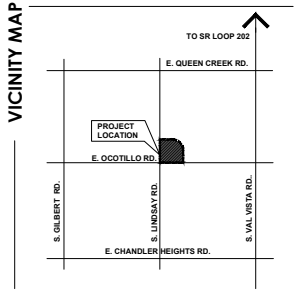
A1.1

DR19-108 Sun Valley Community Church-South Gilbert  
Attachment 5: Landscape  
January 8, 2020

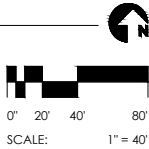


SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	QTY.
				PH 1
	ACACIA FARNESIANA	SWEET ACACIA	24 BOX	17
	CHITALPA TASHKENTENSIS	CHITALPA	24" BOX	24
	PARKINSONIA 'AZT'	HYBRID PALO VERDE	24" BOX	24
	PISTACIA X 'RED PUSH'	RED PUSH PISTACHE	24 BOX	67
	PROSOPIS HYBRID 'LESUE ROY'	TEXAS HONEY MESQUITE	24" BOX	57
	QUERCUS VIRGINIANA	LIVE OAK	24" BOX	64
	PHOENIX DACTYLIFERA	DATE PALM (DIAMOND CUT)	20 TF	20
	CAESALPINIA PULCHERRIMA	RED BIRD OF PARADISE	5 GAL.	103
	CALLIANDRA X 'LIANCA'	HYBRID FAIRY DUSTER	5 GAL.	60
	CORDIA PARVIFOLIA	LITTLE LEAF CORDIA	5 GAL.	223
	EREMOPHILA HYGROPHANA	BLUE BELLS	5 GAL.	27
	MUEHLENBERGIA RIGENS	DEER GRASS	5 GAL.	86
	OLEA EUROPAEA 'DWARF OLIVE'	DWARF OLIVE	5 GAL.	18
	RUCELLIA PENINSULARIS	BAJA RUCELLIA	5 GAL.	239
	RUSSSELLIA EQUESTIFORMIS	CORAL FOUNTAIN	5 GAL.	197
	TECOMA STANS ANGUSTATA	YELLOW BELLS	5 GAL.	108
	ALOPE BARBADENSIS	MEDICINAL ALOE	5 GAL.	18
	HEPERALOE FUNIFERA	GIANT YUCCA	5 GAL.	121
	HEPERALOE PARVILORA	RED YUCCA	5 GAL.	27
	PORTULACARIA AFRA	ELEPHANT FOOD	5 GAL.	8
	EREMOPHILA GLABRA 'MINGENW GOLD'	OUTBACK SUNRISE EMU	1 GAL.	191
	LANITANA 'DALLAS RED'	RED LANITANA	1 GAL.	64
	LANITANA 'NEW GOLD'	NEW GOLD LANITANA	1 GAL.	46
	BIGNONIA CAPREOLATA	CROSSVINE	5 GAL.	7
	DECOMPOSED GRANITE: 2" DEPTH (U.O.N.) OF 1/2" SCREENED 'ARIZONA GOLD' (FROM GRANITE EXPRESS)			
	SYNTHETIC TURF: 'KIDS PLAY' FROM ARTIFICIAL GRASS SUPERSTORE			

PROJECT NAME & ADDRESS:	
SUN VALLEY COMMUNITY CHURCH - SOUTH GILBERT NE CORNER OF E OCOTILLO AND LINDSAY ROADS (5545 S LINDSAY RD.) GILBERT, ARIZONA	
GENERAL ZONING ANALYSIS:	
SITE AREA	
GROSS	9.95 AC (433,553 S.F.)
NET	8.89 AC (387,467 S.F.)
LANDSCAPING:	
TOTAL ORNITE LANDSCAPE AREA	205,900 S.F.
LANDSCAPE PERCENTAGE OF SITE	205,900 / 433,553 = 47%
LANDSCAPE AREA IN RIGHT-OF-WAY (OFF-SITE)	27,200 S.F.
LANDSCAPE AREA (ON-SITE)	178,700 S.F.

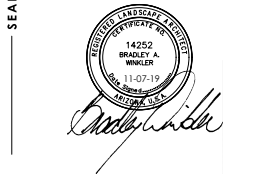


SITE LANDSCAPE PLAN



NO. 17-6010-02  
**SUN VALLEY  
COMMUNITY  
CHURCH -  
S. GILBERT**  
GILBERT, AZ  
5545 SOUTH LINDSAY ROAD

**SUN VALLEY  
COMMUNITY CHURCH**  
456 E RAY ROAD  
GILBERT, AZ 85296  
480-632-8920 p  
480-857-6453 f



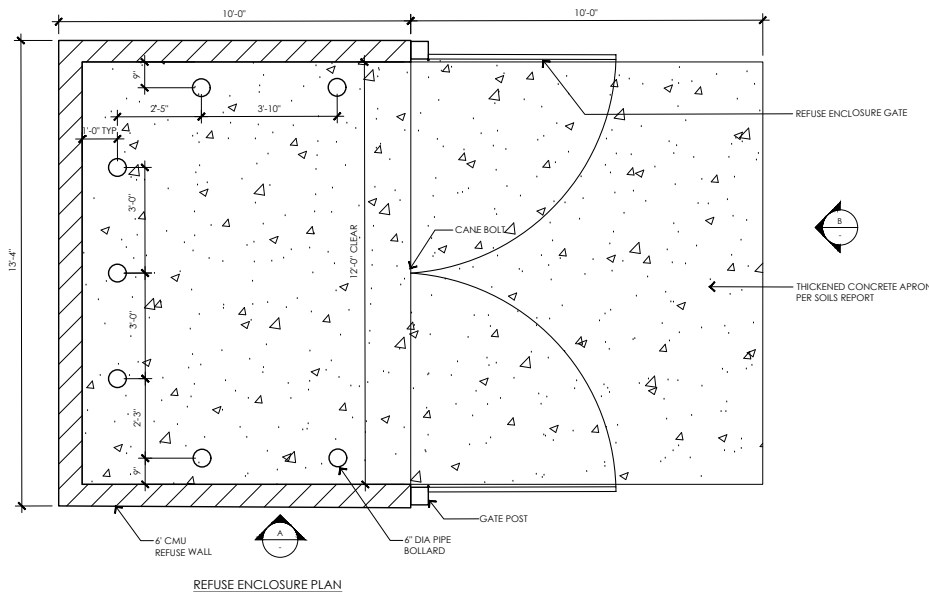
**TODD & ASSOCIATES, INC.**  
Critical Thinking • Creative Design  
  
Architecture Planning  
Landscape Architecture  
4019 North 44th Street  
Phoenix, AZ 85018  
602-952-8280p 602-952-8995f  
www.toddassoc.com  
  
Copyright 2019 Todd & Associates, Inc.

Proj Mgr. DCA  
Dwn By: BW  
Rev. Date: Description:  
△  
△  
△  
△  
△

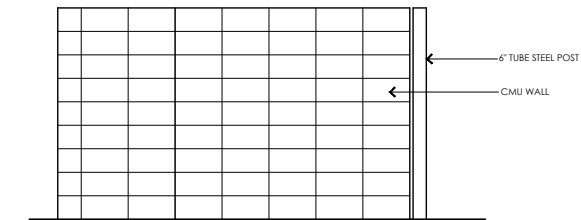
DESIGN REVIEW  
3rd SUBMITTAL  
  
SITE LANDSCAPE PLAN

L1.0

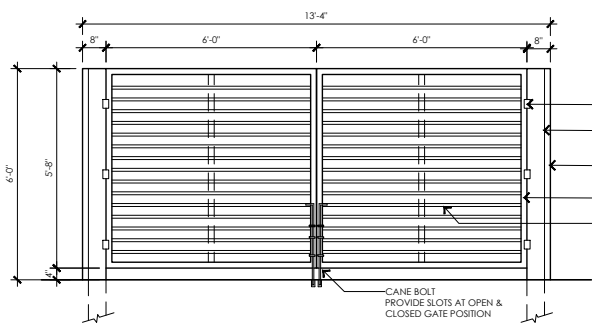




REFUSE ENCLOSURE PLAN



SIDE ELEVATION 'A'



FRONT ELEVATION 'B'

NOTE:  
1. ALL BLOCK TO BE TRENDSTONE - RUTHERFORD IN STACKED BOND W/ RAKED JOINTS  
2. CONC. FOOTING AND REINFORCEMENTS PER STRUCTURAL  
3. ALL METALWORK PAINTED TO MATCH ARCHITECTURE/SITE METALWORK: MATCH PENTON 2117 FROM ALUMA KOR METAL PANELS ON BUILDING

## 18 REFUSE ENCLOSURE

SCALE: 1/2" = 1'-0"



PRODUCT:  
HILFER GABION RETAINING WALL  
WWW.HILFER.COM/ARTWELD-GABIONS-2

## 20 GABION WALL



CONCEPT

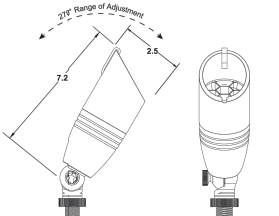
## 16 MONUMENT SIGN RENDERING

## UNIQUE LIGHTING SYSTEMS®

Pulsar  
Up Light  
Odyssey Series

### PRODUCT SPECIFICATIONS

PROJECT: \_\_\_\_\_  
MODEL #: \_\_\_\_\_  
LAMP(S): \_\_\_\_\_  
NOTES: \_\_\_\_\_



### Specifications:

- Solid cast brass construction
- Machined brass thumb screw
- High temperature LED FLEX-FIT™ gasket
- Specification grade, beryllium copper socket
- Premium grade direct burial cable
- Complete lens set included
- 8W max. LED lamp / 35W max. halogen
- Slotted composite stake with brass threaded insert included
- Weathered brass finish standard
- Limited lifetime warranty

### Light Distribution Cones:

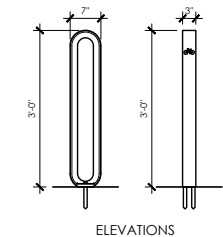
LED-8W-CM6FL27K		
Beam Angle	Beam Width	Beam Depth
4.2°	8.8 ft	3.8 ft
6.2°	12.8 ft	5.2 ft
8.2°	16.8 ft	6.8 ft
10.2°	20.8 ft	8.2 ft
12.2°	24.8 ft	9.8 ft
14.2°	28.8 ft	11.2 ft
16.2°	32.8 ft	12.8 ft
18.2°	36.8 ft	14.2 ft
20.2°	40.8 ft	15.8 ft
22.2°	44.8 ft	17.2 ft
24.2°	48.8 ft	18.8 ft
26.2°	52.8 ft	20.2 ft
28.2°	56.8 ft	21.8 ft
30.2°	60.8 ft	23.2 ft

LED-8W-CM6FL30K		
Beam Angle	Beam Width	Beam Depth
4.2°	8.8 ft	3.8 ft
6.2°	12.8 ft	5.2 ft
8.2°	16.8 ft	6.8 ft
10.2°	20.8 ft	8.2 ft
12.2°	24.8 ft	9.8 ft
14.2°	28.8 ft	11.2 ft
16.2°	32.8 ft	12.8 ft
18.2°	36.8 ft	14.2 ft
20.2°	40.8 ft	15.8 ft
22.2°	44.8 ft	17.2 ft
24.2°	48.8 ft	18.8 ft
26.2°	52.8 ft	20.2 ft
28.2°	56.8 ft	21.8 ft
30.2°	60.8 ft	23.2 ft

NOTE: Light cones are depicted without supplied lenses. Maximum wattage shown, for all other wattage options please refer to [uniquelighting.com/beamspreads](http://www.uniquelighting.com/beamspreads).  
Unique Lighting Systems® reserves the right to modify the design and/or construction of the fixture shown without further notification.  
© Unique Lighting Systems® • 5825 Jasmine Street, Riverside, CA 92504 • Customer Service - 800.955.4831 • Order Services - 800.654.1882  
[www.uniquelighting.com](http://www.uniquelighting.com)

## 10 LOW VOLTAGE UPLIGHT (@ DATE PALMS)

NOTE:  
1. SURFACE MOUNT TO CONC. PAVING PER MANUFACTURE  
2. POWDERCOAT PAINT COLOR TO BE APPROVED BY OWNER



ELEVATIONS



OLYMPIA BIKE RACK  
forms-surfaces.com

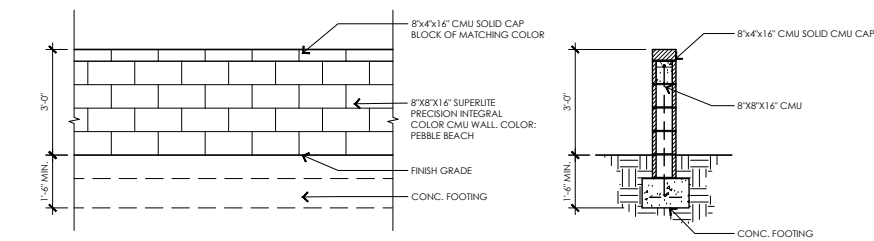
## 11 BIKE RACK

FORMS + SURFACES - OLYMPIA BIKE RACK

SCALE: N.T.S.

NOTE:  
1. ENTRY SIGNS SHALL CONSIST OF LETTERING AND COLORS AS OUTLINED IN THE TOWN OF GILBERT GRAPHIC STANDARDS MANUAL.  
2. THE ENTRY SIGN LETTERING SHALL BE INTERNALLY, INDIRECTLY ILLUMINATED.  
3. LETTERING ON ENTRY SIGNS SHALL BE A MINIMUM OF 30 INCHES ABOVE THE HIGHEST POINT OF THE FINISH GRADE BETWEEN THE ADJACENT ARTERIAL STREETS AND THE SIGN

(7) DATE PALMS PER TOWN OF GILBERT, 20' TF HEIGHT  
REAR CMU WALL WITH CONC. CAP, PAINT & STUCCO FINISH, COLOR: DUNN EDWARDS POROUS STONE (DE6220)  
24" HIGH FREESTANDING LETTERS, MOUNT TO LOWER CMU WALL, FONT TO MATCH GILBERT DESIGN STANDARDS, LETTERS PAINTED BLACK  
CMU SIDE WALLS WITH CONC. CAP, PAINT & STUCCO FINISH, COLOR: DUNN EDWARDS CALICO ROCK (DE6229)  
LOWER CMU WALL WITH CONC. CAP, PAINT & STUCCO FINISH, COLOR: DUNN EDWARDS CALICO ROCK (DE6229)



## 5 3' PARKING SCREEN WALL

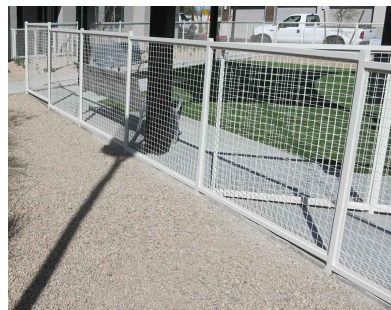
SCALE: 1/2" = 1'-0"

NOTE:  
ADJACENT CMU SEAT WALL TO BE SIMILAR DESIGN WITH STACKED 8"X4"X16" BLOCK AND CONCRETE CAP TO MATCH



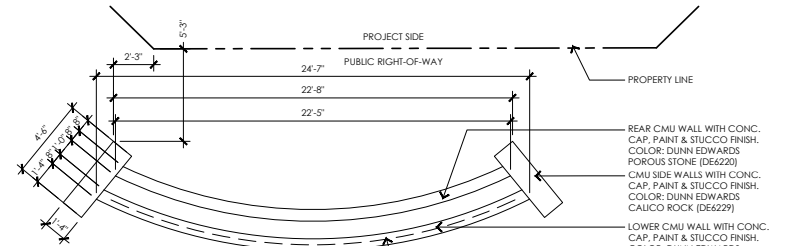
C.I.P. CONC. CAP, COLOR: NATURAL GRAY  
8"X4"X16" GROUND FACE MASONRY, COLOR: RUTHERFORD TRENDSTONE BY TRENNYTH INDUSTRIES, INC., RAKED JOINTS

## 6 STACKED CMU FIRETABLE - DESIGN INTENT

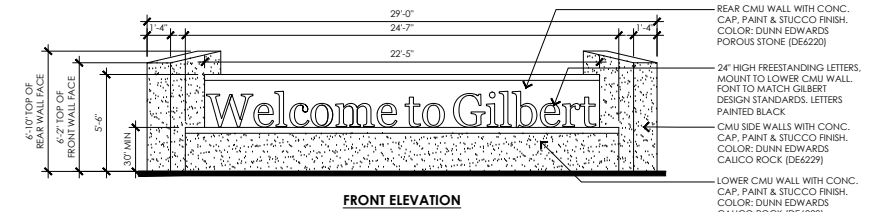


## 2 48" HIGH MESH FENCING - DESIGN INTENT

NOTE:  
1. ENTRY SIGNS SHALL CONSIST OF LETTERING AND COLORS AS OUTLINED IN THE TOWN OF GILBERT GRAPHIC STANDARDS MANUAL.  
2. THE ENTRY SIGN LETTERING SHALL BE INTERNALLY, INDIRECTLY ILLUMINATED.  
3. LETTERING ON ENTRY SIGNS SHALL BE A MINIMUM OF 30 INCHES ABOVE THE HIGHEST POINT OF THE FINISH GRADE BETWEEN THE ADJACENT ARTERIAL STREETS AND THE SIGN



PLAN



FRONT ELEVATION

## 8 MONUMENT SIGN- PLAN & ELEVATION

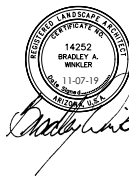
SCALE: 1/4" = 1'-0"

# SUN VALLEY COMMUNITY CHURCH - S. GILBERT

GILBERT, AZ  
5545 SOUTH LINDSAY ROAD

## SUN VALLEY COMMUNITY CHURCH

456 E RAY ROAD  
GILBERT, AZ 85296  
480-632-8920 p  
480-857-6453 f



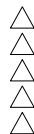
TODD & ASSOCIATES, INC.  
Critical Thinking • Creative Design

Architecture Planning  
Landscape Architecture  
4019 North 44th Street  
Phoenix, AZ 85018  
602-952-8280p 602-952-8995f  
[www.toddassoc.com](http://www.toddassoc.com)

Copyright 2019 Todd & Associates, Inc.

DATE  
11-07-19

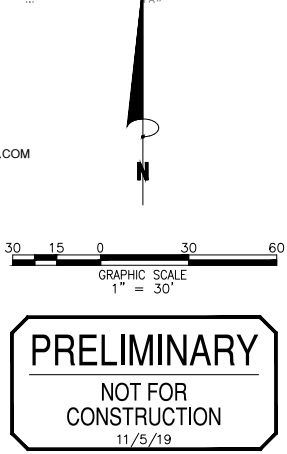
Proj Mgr, DCA  
Dwn By: BW  
Rev. Date: Description:



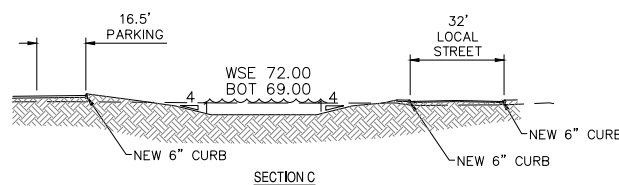
DESIGN REVIEW  
3rd SUBMITTAL

HARDSCAPE DETAILS

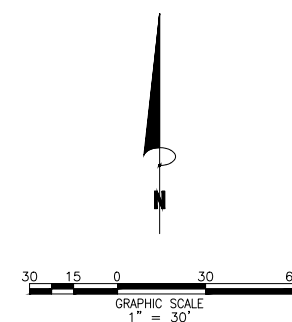
L1.1







CONSTRUCT 6" SINGLE  
CURB PER MAG STD. DTL  
222 TYPE "A" (TYP.)



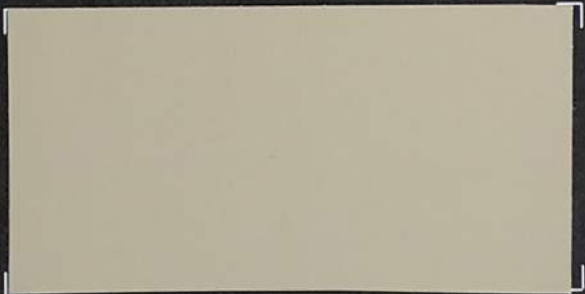
**PRELIMINARY**  
NOT FOR  
CONSTRUCTION  
11/5/19

PLAN STATUS
-------------

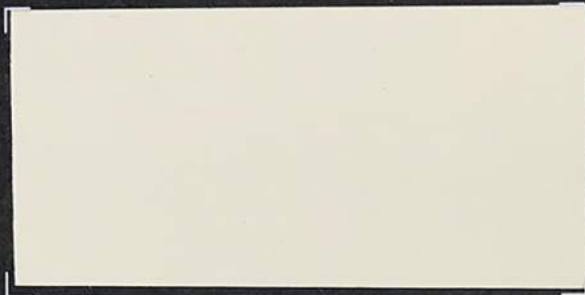
DATE	DESCRIPTION	
MR DESIGN	MR DRAWN	C
SCALE	H: 1"=30' V:	
JOB No. 9873-03-002		
DATE : 11/5/19		
02		
SHEET	02	OF 0



EXTERIOR COLOR SCHEDULE



PAINT COLOR 1  
C1 **NAME:** CALICO ROCK (DE6229)  
**MFGR:** DUNN EDWARDS



PAINT COLOR 2  
C2 **NAME:** POROUS STONE (DE6220)  
**MFGR:** DUNN EDWARDS



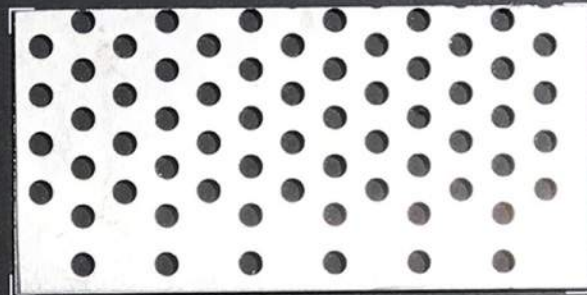
CANOPIES & COLUMNS  
C3 **NAME:** TO MATCH MI 2117 PEWTER  
**MFGR:** ALUMA KOR (OR EQUAL)



GROUND FACE MASONRY UNITS  
C4 **COLOR:** RUTHERFORD TRENDSTONE  
**MFGR:** TRENWYTH INDUSTRIES, INC.



STANDING SEAM METAL ROOF & WALL PANELS  
C5 C6 **NAME:** TO MATCH MI 2117 PEWTER  
**MFGR:** ALUMA KOR (OR EQUAL)



PERFORATED METAL PANELS  
C7 **NAME:** ACRYLIC COATED GALVALUME  
**MFGR:** ATAS (OR EQUAL)



ALUMINUM STOREFRONT  
C8 **COLOR:** DARK BRONZE  
**MFGR:** ARCADIA



ALUMINUM STOREFRONT GLASS  
C8 **GLASS:** SOLARBRONZE



Expires 06/30/2019

Materials Board



TODD & ASSOCIATES, INC.

ARCHITECTURE PLANNING LANDSCAPE ARCHITECTURE  
602.952.8280p www.toddassoc.com

SVCC-EM/SVCC-SG  
• Mesa / Gilbert, Arizona  
Project Number :17-6010-02 • May, 2019





**SUN VALLEY C.C.  
GILBERT**  
456 E RAY ROAD  
GILBERT, AZ 85296  
480-632 8920 p  
480-857-6453 f



**TODD & ASSOCIATES, INC.**  
*Critical Thinking • Creative Design*

Architecture Planning  
Landscape Architecture  
4019 North 44th Street  
Phoenix, AZ 85018  
602-952-8280p 602-952-8995f  
www.toddassoc.com

Copyright 2019 Todd & Associates, Inc.



VIEW FROM SOUTHEAST



VIEW FROM NORTHEAST



VIEW FROM WEST



VIEW AT COURTYARD

DATE  
09-24-19

DESIGN REVIEW SBMTL

Proj Mgr.  
Dwn By:  
Rev. Date: Description:



3D VIEWS

**A4**

3D VIEWS

SCALE: NTS



NO. 17-6010-02  
**SUN VALLEY  
COMMUNITY  
CHURCH -  
S. GILBERT**

GILBERT, AZ



**SUN VALLEY C.C.  
GILBERT**

456 E RAY ROAD  
GILBERT, AZ 85296  
480-632 8920 p  
480-857-6453 f



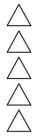
**TODD & ASSOCIATES, INC.**  
Critical Thinking • Creative Design

Architecture Planning  
Landscape Architecture  
4019 North 44th Street  
Phoenix, AZ 85018  
602-952-8280p 602-952-8995f  
www.toddassoc.com

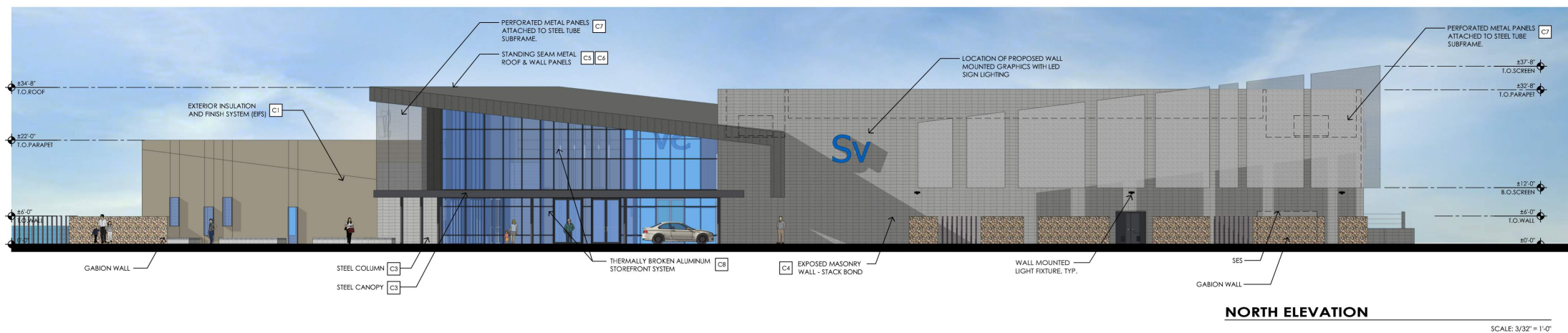
Copyright 2019 Todd & Associates, Inc.

**DATE**  
11-07-19  
**DESIGN REVIEW SBMTL  
3RD TOWN REVIEW**

Proj Mgr.  
Dwn By:  
Rev. Date: Description:

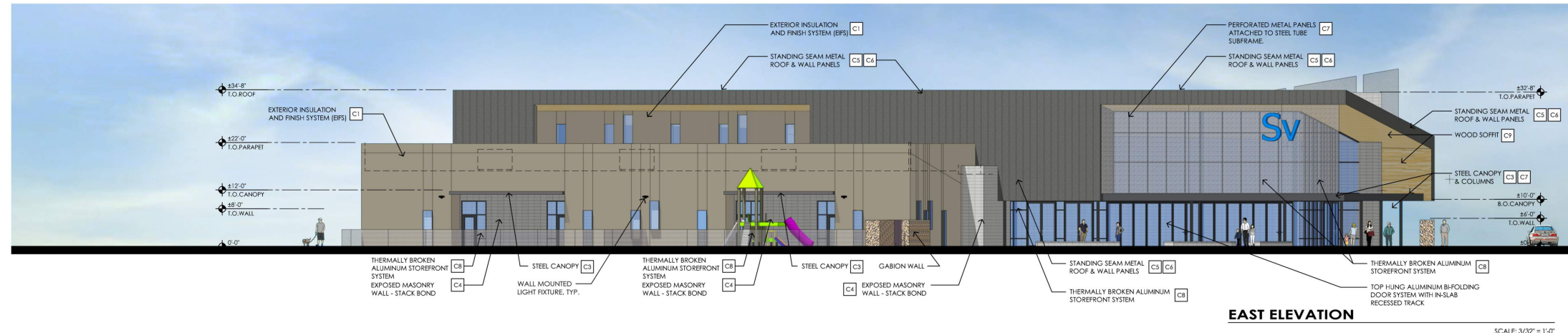


**EXTERIOR ELEVATIONS  
A3**



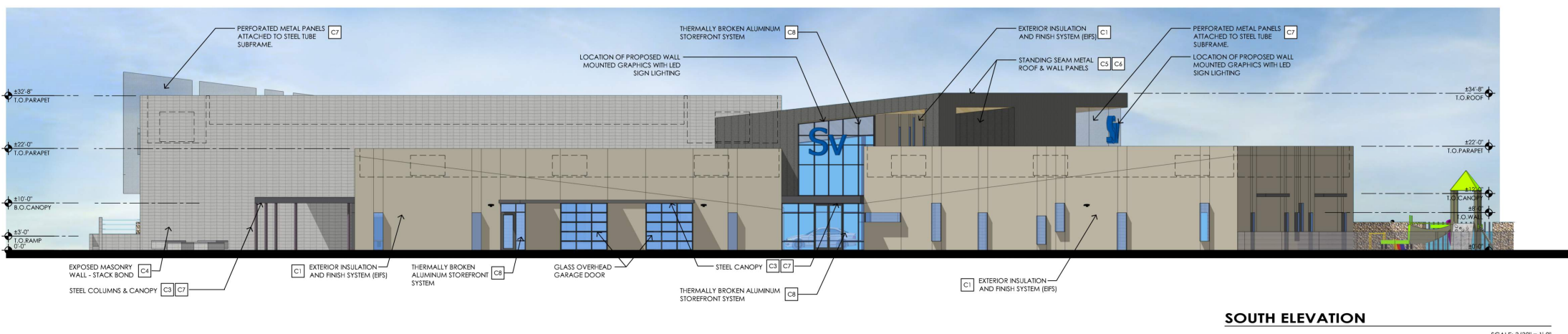
**NORTH ELEVATION**

SCALE: 3/32" = 1'-0"



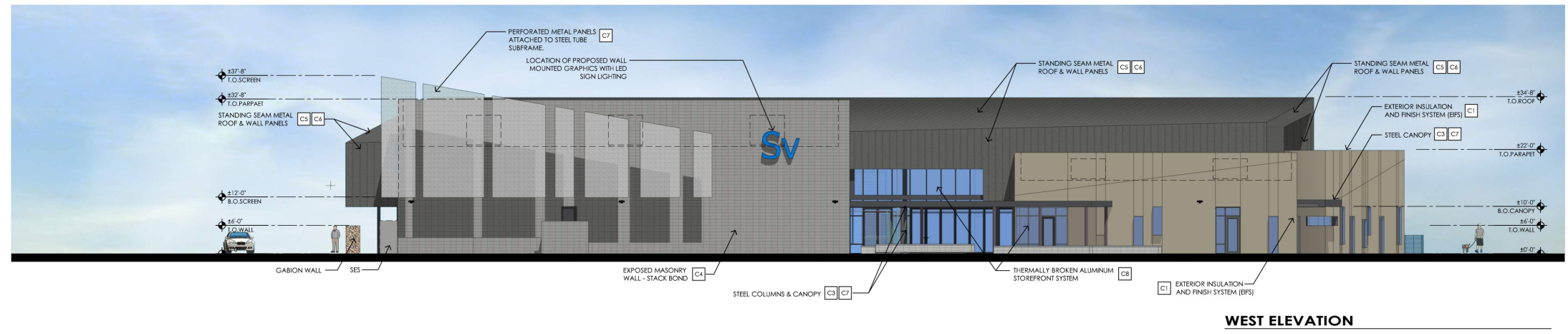
**EAST ELEVATION**

SCALE: 3/32" = 1'-0"



**SOUTH ELEVATION**

SCALE: 3/32" = 1'-0"



**WEST ELEVATION**

SCALE: 3/32" = 1'-0"

**EXTERIOR ELEVATIONS**

SCALE: 3/32" = 1'-0"

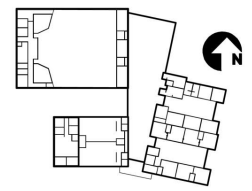
KEYNOTES  
GENERAL NOTES  
COLOR SCHEDULE  
SYMBOLS  
KEYMAP

**COLOR SCHEDULE**

- C1 PRIMARY COLOR  
NAME: D16229 CALICO ROCK  
MFR: DUNN EDWARDS
- C2 ACCENT COLOR  
NAME: D16229 POROUS STONE  
MFR: DUNN EDWARDS
- C3 CANOPIES & COLUMNS  
COLOR: TO MATCH MI 2117 PEWTER  
MFR: ALUMA KOR (BASS OF DESIGN)
- C4 GROUND FACE MASONRY UNITS  
COLOR: RUTHERFORD TRENDSTONE  
MFR: TREMWHY INDUSTRIES, INC.
- C5 STANDING SEAM METAL ROOF  
COLOR: MI 2117 PEWTER  
MFR: ALUMA KOR (BASS OF DESIGN)
- C6 METAL WALL PANELS  
COLOR: MI 2117 PEWTER  
MFR: ALUMA KOR (BASS OF DESIGN)
- C7 PERFORATED METAL PANELS  
COLOR: ACRYLIC COATED GALVALUME  
MFR: ATAS
- C8 ALUMINUM STOREFRONT  
COLOR: DAWN BRONZE  
MFR: ARCADIA

**SYMBOLS**

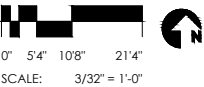
- C1 EXTERIOR COLOR INDICATOR



DR19-108 Sun Valley Community Church-South Gilbert  
Attachment 9: Floor Plans  
January 8, 2020



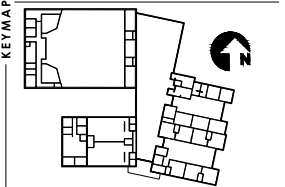
FLOOR PLAN  
BUILDING AREA: 34,422 S.F.



- REVISIONS
1. SERVICE ENTRANCE SECTION (SES)
  2. FIRE RISER
  3. OPERABLE GLASS WALL SYSTEM
  4. SOUND WALL/BUFFER
  5. ROLL-UP GARAGE DOOR - ALUMINUM / GLASS
  6. GABION WALL - SEE EXTERIOR ELEVATIONS

See drawing A1 for additional notes

- SYMBOLS
- EXISTING 2-HR FIRE WALL
  - EXISTING 1-HR FIRE WALL
  - 1-HR FIRE BARRIER
  - NEW STUD WALL REFER TO A16
  - NEW 12" CMU WALL WITH NEW FLOORING
  - WALL/PARTITION/ASSEMBLY TYPE INDICATOR - REFER TO SHEET A16
  - RATED WALL/PARTITION/ASSEMBLY TYPE INDICATOR - REFER TO SHEET A16
  - DOOR TYPE, REFER TO DRAWING A14
  - WALL MOUNTED FIRE EXTINGUISHER
  - SEMI-RECESSED FIRE EXTINGUISHER CABINET - REFER TO DETAIL -A17
  - Interior Elevation  
Refer to drawing A1.x
  - Multiple views
  - Single view



NO. 17-6010-02  
**SUN VALLEY COMMUNITY CHURCH - S. GILBERT**  
GILBERT, AZ

**sv**  
**SUN VALLEY C.C. GILBERT**  
456 E RAY ROAD  
GILBERT, AZ 85296  
480-632-8920 p  
480-857-6453 f



**TODD & ASSOCIATES, INC.**  
Critical Thinking • Creative Design

Architecture Planning  
Landscape Architecture  
4019 North 44th Street  
Phoenix, AZ 85018  
602-952-8280p 602-952-8995f  
www.toddassoc.com  
Copyright 2019 Todd & Associates, Inc.

DATE  
09-24-19  
DESIGN REVIEW SBMTL

Proj Mgr/DCA  
Dwn By:  
Rev. Date: Description:  
△  
△  
△  
△  
△

FLOOR PLAN  
**A5**



NO. 17-6010-02  
**SUN VALLEY  
COMMUNITY  
CHURCH -  
S. GILBERT**  
5545 S. LINDSAY RD.  
GILBERT, AZ 85233

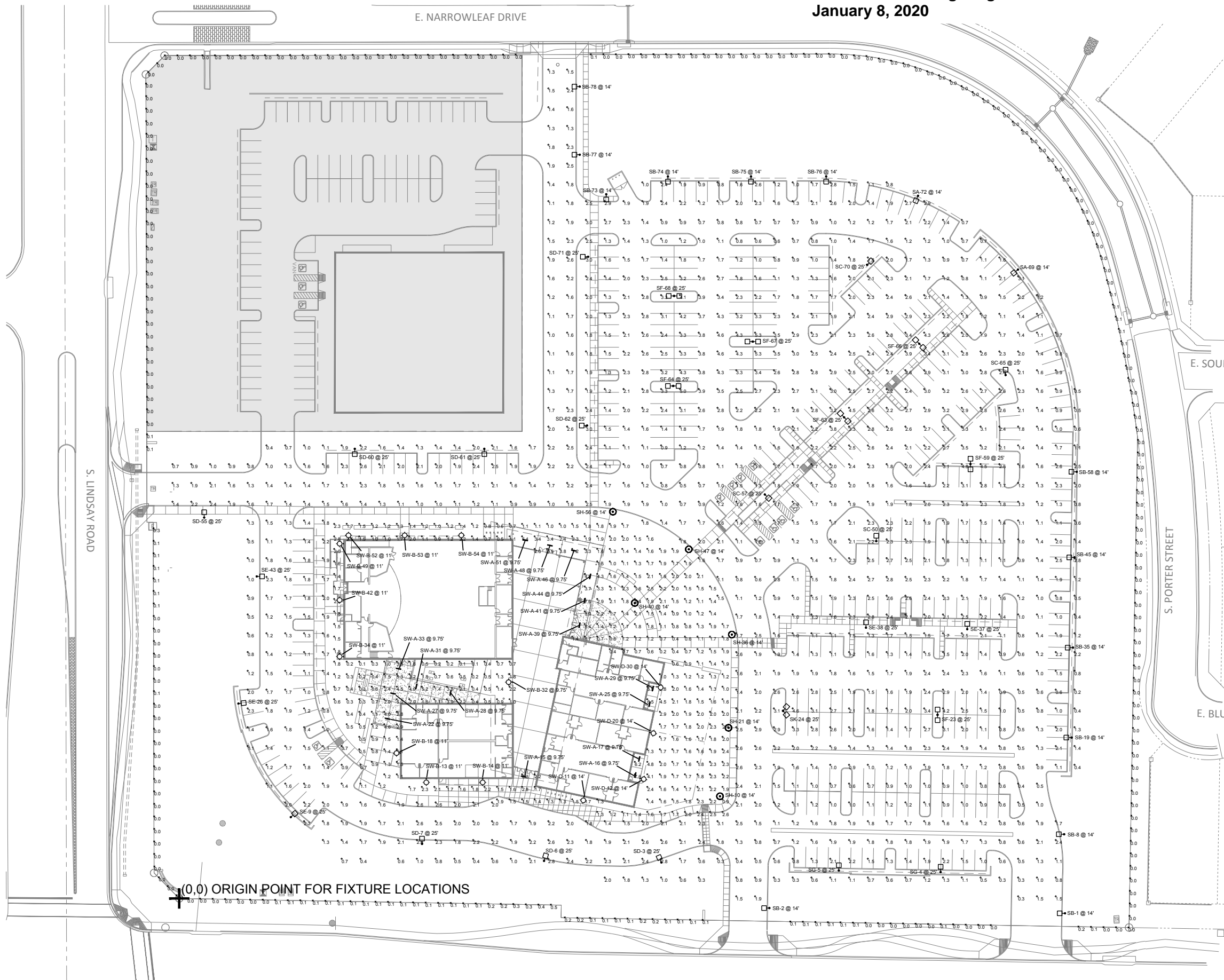


**Sun Valley  
Community Church**  
456 E RAY ROAD  
GILBERT, AZ 85296  
480-632 8920 p  
480-857-6453 f



**TODD & ASSOCIATES, INC.**  
Critical Thinking • Creative Design  
Architecture Planning  
Landscape Architecture  
4019 North 44th Street  
Phoenix, AZ 85018  
602-952-8280p 602-952-8995f  
www.toddassoc.com  
Copyright 2019 Todd & Associates, Inc.

DATE  
11-05-19  
DESIGN REVIEW SBMTL



**SITE PHOTOMETRIC**  
SCALE: 1"=30'-0"



3231 SOUTH COUNTRY CLUB WAY, STE. 102 TEMPE, ARIZONA 85282  
P: (602) 393-0201 F: (602) 393-0202  
DRAWN BY: WS CHECKED BY: SM JOB NUMBER: 19079  
FOR QUESTIONS PLEASE CALL: WILLIAM SHORTY

**SITE PHOTOMETRIC  
PLAN**

**PH-1**

NO. 17-6010-02

# SUN VALLEY COMMUNITY CHURCH - S. GILBERT

5545 S. LINDSAY RD.  
GILBERT, AZ 85233



**Sun Valley Community Church**  
456 E RAY ROAD  
GILBERT, AZ 85296  
480-632 8920 p  
480-857-6453 f



**TODD & ASSOCIATES, INC.**  
*Critical Thinking • Creative Design*

Architecture Planning  
Landscape Architecture

4019 North 44th Street  
Phoenix, AZ 85018  
602-952-8280p 602-952-8995f  
www.toddassoc.com

Copyright 2019 Todd & Associates, Inc.

DATE  
**11-05-19**  
DESIGN REVIEW SBMTL

PHOTOMETRIC  
DETAILS  
**PH-2**

Schedule									
Symbol	Label	QTY	Catalog Number	Description	Lamp	Number Lamps	Lumens per Lamp	LLF	Wattage
	SA	2	DSX0 LED P1 40K T3M MVOLT HS	DSX0 LED P1 40K T3M MVOLT with houseside shield	LED	1	3708	0.95	38
	SB	13	DSX0 LED P1 40K TFTM MVOLT HS	DSX0 LED P1 40K TFTM MVOLT with houseside shield	LED	1	3678	0.95	38
	SC	4	DSX1 LED P3 40K T5M MVOLT	DSX1 LED P3 40K T5M MVOLT	LED	1	13055	0.95	102
	SD	8	DSX1 LED P3 40K T2M MVOLT	DSX1 LED P3 40K T2M MVOLT	LED	1	12548	0.95	102
	SE	5	DSX1 LED P3 40K TFTM MVOLT	DSX1 LED P3 40K TFTM MVOLT	LED	1	12574	0.95	102
	SF	7	DSX1 LED P3 40K TFTM MVOLT	DSX1 LED P3 40K TFTM MVOLT	LED	1	12574	0.95	204
	SG	2	DSX1 LED P3 40K TFTM MVOLT HS	DSX1 LED P3 40K TFTM MVOLT with houseside shield	LED	1	9818	0.95	102
	SH	6	MRP LED 42C 530 40K SRS MVOLT	MRP POST TOP LIGHT 42 LEDs 530 mA DRIVE CURRENT 40K COLOR TEMP TYPE 5 DISTRIBUTION		1	6669	0.95	75
	SK	1	DSX1 LED P3 40K TFTM MVOLT	DSX1 LED P3 40K TFTM MVOLT	LED	1	12574	0.95	204
	SW-A	16	WBLED-36-SO-4-0(PHIL54)	AXIS LIGHTING WET BEAM DIRECT LED LUMINAIRE WITH WHITE REFLECTOR AND WHITE TRANSLUCENT LENS	240 WHITE LEDS, LUMEN OUTPUT = 1981 LMS.	1	1963	0.95	22
	SW-B	10	DSXW1 LED 10C 530 40K T4M MVOLT HS	DSXW1 LED WITH (1) 10 LED LIGHT ENGINES, TYPE T4M OPTIC, 4000K, @ 530mA WITH HOUSE-SIDE SHIELDS.	LED	1	1618	0.95	19.1
	SW-C	1	DSXW1 LED 10C 530 40K T2M MVOLT	DSXW1 LED WITH (1) 10 LED LIGHT ENGINES, TYPE T2M OPTIC, 4000K, @ 530mA	LED	1	2102	0.95	19.1
	SW-D	3	DSXW1 LED 10C 700 40K TFTM MVOLT HS	DSXW1 LED WITH (1) 10 LED LIGHT ENGINES, TYPE TFTM OPTIC, 4000K, @ 700mA WITH HOUSE-SIDE SHIELDS.	LED	1	2248	0.95	26.2

Statistics						
Description	Symbol	Avg	Max	Max/Min	Avg/Min	Min
building		1.8 fc	7.6 fc	76.0:1	18.0:1	0.1 fc
PARKING LOT		1.8 fc	5.3 fc	26.5:1	9.0:1	0.2 fc
Property Line		0.0 fc	0.5 fc	N/A	N/A	0.0 fc

Luminaire Locations						
		Location				
No	Label	X	Y	Z	MH	Orientation
69	SA	669.50	502.00	14.00	14.00	231.34
72	SA	589.63	560.94	14.00	14.00	201.11
1	SB	706.88	-11.75	14.00	14.00	270.00
2	SB	469.88	-7.75	14.00	14.00	270.00
8	SB	706.31	51.25	14.00	14.00	270.00
19	SB	712.31	128.44	14.00	14.00	270.00
35	SB	713.38	200.25	14.00	14.00	270.00
45	SB	714.69	272.44	14.00	14.00	270.00
58	SB	716.31	340.63	14.00	14.00	270.00
73	SB	340.81	562.25	14.00	14.00	180.00
74	SB	390.19	576.44	14.00	14.00	180.00
75	SB	456.19	576.44	14.00	14.00	180.00
76	SB	516.19	576.44	14.00	14.00	180.00
77	SB	319.50	593.75	14.00	14.00	270.00
78	SB	319.50	648.13	14.00	14.00	270.00
50	SC	566.35	285.56	25.00	25.00	0.00
57	SC	467.31	322.31	25.00	25.00	135.00
65	SC	658.84	418.94	25.00	25.00	0.00
70	SC	548.88	505.94	25.00	25.00	45.00
3	SD	384.42	28.77	25.00	25.00	338.20
6	SD	291.37	29.92	25.00	25.00	12.53
7	SD	183.82	43.59	25.00	25.00	0.35
55	SD	19.81	304.13	25.00	25.00	0.00
60	SD	140.19	359.00	25.00	25.00	180.00
61	SD	243.63	359.00	25.00	25.00	180.00
62	SD	325.63	377.44	25.00	25.00	270.00
71	SD	326.19	512.13	25.00	25.00	270.00
9	SE	89.13	64.81	25.00	25.00	46.94
26	SE	47.13	155.75	25.00	25.00	83.32
37	SE	629.31	215.59	25.00	25.00	0.44
38	SE	548.19	217.09	25.00	25.00	1.22
43	SE	81.88	257.00	25.00	25.00	90.00
23	SF	606.21	146.98	25.00	25.00	180.00
59	SF	631.50	348.07	25.00	25.00	180.00
63	SF	530.63	384.25	25.00	25.00	135.00
64	SF	395.19	408.83	25.00	25.00	90.00
66	SF	590.63	442.94	25.00	25.00	135.00
67	SF	458.13	444.75	25.00	25.00	90.00
68	SF	395.13	480.85	25.00	25.00	90.00
4	SG	607.81	20.84	25.00	25.00	0.00
5	SG	526.69	22.79	25.00	25.00	0.00
10	SH	434.13	78.63	14.00	14.00	360.00
21	SH	438.31	136.25	14.00	14.00	0.00
36	SH	441.13	210.75	14.00	14.00	0.00
40	SH	363.63	235.94	14.00	14.00	231.57
47	SH	406.88	278.75	14.00	14.00	0.00
56	SH	346.00	308.75	14.00	14.00	0.00
24	SK	482.62	149.18	25.00	25.00	45.00
15	SW-A	275.13	97.38	9.75	9.75	100.93
16	SW-A	363.80	97.81	9.75	9.75	11.92
17	SW-A	366.99	111.10	9.75	9.75	11.92
22	SW-A	166.50	143.38	9.75	9.75	281.92
25	SW-A	374.77	154.86	9.75	9.75	11.92
27	SW-A	170.75	163.38	9.75	9.75	281.92
28	SW-A	216.50	163.88	9.75	9.75	191.92
29	SW-A	277.58	167.90	9.75	9.75	11.92
31	SW-A	189.25	169.13	9.75	9.75	191.92
33	SW-A	175.00	183.31	9.75	9.75	281.92
39	SW-A	319.44	218.13	9.75	9.75	11.92
41	SW-A	323.63	237.63	9.75	9.75	11.92
44	SW-A	327.88	257.06	9.75	9.75	11.92
46	SW-A	315.13	277.75	9.75	9.75	281.92
48	SW-A	295.75	281.88	9.75	9.75	281.92
51	SW-A	276.13	286.06	9.75	9.75	281.92
13	SW-B	197.06	95.63	11.00	11.00	180.00
14	SW-B	242.08	95.63	11.00	11.00	180.00
18	SW-B	176.25	116.06	11.00	11.00	270.00
32	SW-B	265.81	172.56	9.75	9.75	270.00
34	SW-B	130.88	193.31	11.00	11.00	270.00
42	SW-B	130.88	238.31	11.00	11.00	270.00
49	SW-B	130.88	263.31	11.00	11.00	270.00
52	SW-B	135.19	287.25	11.00	11.00	0.00
53	SW-B	180.19	287.25	11.00	11.00	0.00
54	SW-B	225.19	287.25	11.00	11.00	0.00
11	SW-C	322.81	81.19	14.00	14.00	191.67
12	SW-D	368.13	95.56	14.00	14.00	101.76
20	SW-D	376.94	132.31	14.00	14.00	101.76
30	SW-D	381.63	168.81	14.00	14.00	101.76

